

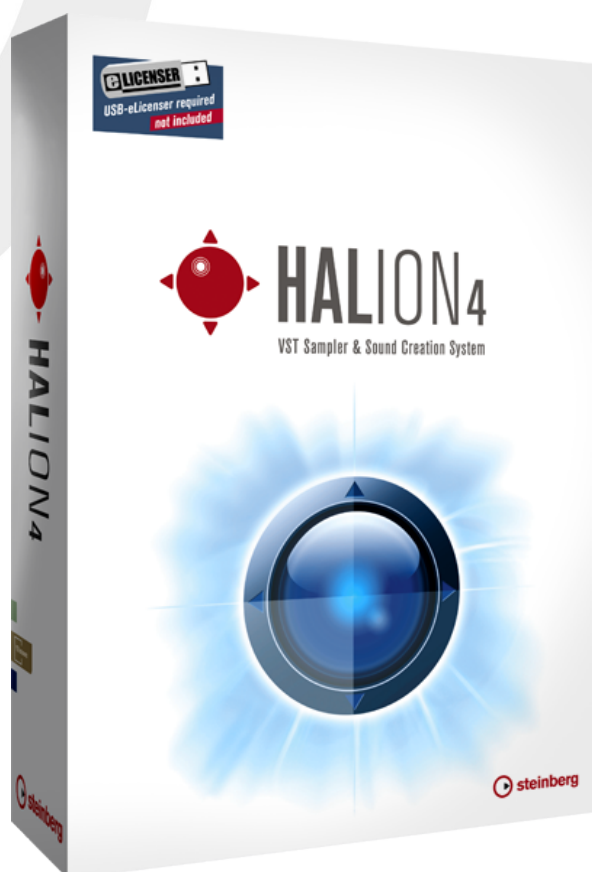
HALION₄

4.5.0 Beta

Read me

October 2011

Steinberg Media Technologies GmbH



About

Dear HALion 4 users,

We are pleased to release a public beta version of the upcoming 4.5 update of HALion to offer you a preview of the new features and improvements we have been working on over the past couple of months. Although the update has not yet completed the full QA cycle and is therefore officially unsupported, we are making the current beta version of the update available so that you may take a glance at the new features. Naturally, it's also helpful for us to find out if the new features and enhancements are working properly on hundreds of different systems.

We created a thread in the HALion forum to collect your feedback on the beta version. Please understand that we are not able to implement any additional feature requests into the HALion 4.5 update. The purpose of this public beta is rather to provide new features as soon as possible and to collect feedback on the quality and usability of our software to ensure that we are improving HALion in the best of your interests.

Your HALion Team

A large, light gray play button icon, consisting of a right-pointing triangle inside a circle, is positioned on the left side of the page, partially overlapping the "About" section.

Please read this before installing

The HALion 4.5 beta version is available for the purpose of providing Steinberg with feedback on the quality and usability of the software. The HALion 4.5 beta version may contain bugs or inaccuracies that could cause failures, corruption or loss of data and/or information on your system and/or peripherals (external HDDs, storage server systems, etc.) connected thereto. Steinberg strongly encourages you to back-up all data and information on your system prior to installing the HALion 4.5 beta update. **You bear the risk of using the beta version of the HALION 4.5 update.** The final version of the HALion 4.5 update may differ from the preliminary beta version in terms of features and functionality.

Features and improvements

Multi-core support

On the option page of HALion you can now choose on how many cores the CPU consumption should be shared (given that you are working on a multi-core system).

Time stretching and pitch shifting

Based on the AudioWarp algorithm used in Cubase a dedicated HALion time-stretching and pitch-shifting functionality has been implemented. There are two different modes for different types of audio materials. You can select a “Solo” mode for solo instrument that allows the correction of formants and a “Music” mode which is optimized for time correction of polyphonic audio material such as drums.

You can find the new AudioWarp features in the Sound Editor of a sample layer.

New sample file browser

The sample file browser has been completely reworked. You are now able to browse through the file structure of your devices and preview audio files instantly in the browser. There is a new search ability included in the browser that lets you find your desired sounds with just a few clicks. Additionally, you are now able to browse through file containers like ISO, HSB, VST Sound and GIGA within the import window immediately.

Multi-Oscillators

In the OSC section you are now able to multiply the numbers of oscillator used on each OSC channel up to eight. The number of oscillators can smoothly be increased. By editing the “detune” and the stereo “spread” of the OSC channel the sound can be further enriched and widened.

Additional improvements

- Customizable Startup Preset
- Multi-editing for MIDI Modules
 - MIDI Modules of the same type (e.g. FlexPhraser) can be edited together if selected.
- Improved Sound Editor behavior
 - New Navigation Icons on top of the Sound Editor
 - Hide/Show Ability for Modules
 - Customizable Sound Editor appearance
- Expression on Amp Level can now be deactivated
- Headroom options for importing samples
- Distortion parameter is now available in Mod Matrix
- Determine now whether a MULTI is cleared before loading a new one or kept in RAM

Beta Manual

The HALion 4.5 beta updates the existing HALion 4 manual as well. The new features are only documented in the English part of the manual for now.